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Title : Examination of Coating on
Adour Engine Turbine Blades

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Abstract :

A request was made by the Engines Division, Hindustan Aeronautics Ltd., Bangalore for analysing the wear resistant coating on Adour engine turbine blades. The analysis was carried out using energy dispersive analyser. By comparison with a commercial coating powder and by hardness measurement, it is inferred that the coating on the blade is chromium carbide with nickel.